Wireless Presentation Adaptor

User's Manual

(Model Name: WP-920)

Version: 6.0

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1.Overview

wePresent is a must-have device for your meeting room! It turns your existing "wired" projector into a "high-end wireless" projector. With the revolutionary Plug-and-Show wireless projection features, wePresent makes every of your presentation and meeting efficient and successful.

■ High Performance Wireless Projection & Audio Projection

With the revolutionary high performance wireless projection with audio, you can easily share the multimedia on the big monitor with friends without cable bassle.

Plug & Show

With the accompanied Plug & Show USB Token, wireless presentation becomes easy! Just link your PC/Laptop to wePresent (through WLAN or Ethernet), plug the token into a USB port, and in seconds, your screen will be wireless projected to the connected projector!

■ 4-to-1 Split Screen Projection

With this 4-to-1 split screen feature, up to four PCs can be projected out to one projector screen at the same time. Thus you can easily do side-by-side comparison from four PCs / PDAs to increase meeting productivity!

■ 1-to-4 Screen Projection

With 1-to-4 Screen Projection, you can projection PC content out to up to 4 screens at the same time through wePresent devices. 1-to-4 Screen Projection feature functions both under presentation mode and video mode.

Macintosh(Mac) wireless Projection

wePresent supports Mac client connected and projected wirelessly. By launching the Mac client software that stored in accompanied USB token, wePresent provide the same experience to Mac user to utilize the wireless presentation feature.

HD video Streaming

wePresent supports video streaming feature, you can watch the HD video on big screen with original quality through wireless streaming.

SNMP Manager

wePresent equips the SNMP management feature to make the device management easier. By enabling the SNMP (Simple Network Management Protocol) protocol (Version 2c), the devices could be managed and configured through network for each or bunch.

Changeable Splash Screen

You can use the application "Screen Image Background Maker" to change the Splash Screen. Design the image with message you would like to present, upload it through web control page, and you could have customized starting page.

AP-Client Mode

You can enable the AP-Client Mode function to let wePresent join the existing Access Point through Wi-Fi. This feature provides the flexibility of wireless network deployment in enterprise environment.

Remote Desktop

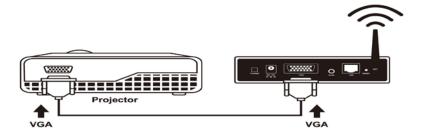
Plug standard USB keyboard or mouse into the USB port in front panel of wePresent device, you can control your PC remotely. You don't have to stand still aside of PC or wePresent device, and it makes your presentation easily and freely.

Features

- Support Windows Win7, Vista, XP, 2000
- Support Macintosh(Mac) version 10.5 and above.
- MobiShow Supportive for iOS/Android/Blackberry/Windows Mobile 5/6 handheld devices
- Plug and Show! No installation required ... just plug in the accompanied token to a USB port, and hassle free presentation can be started in seconds.
- 4-to-1 split screen projection! Turn one projector into four, increase meeting productivity right away.
- 1-to-4 screen projection! Project PC content to four screens, fulfill the need of multicasting purpose
- Smartphone wireless projection! PC-less stylish presentation becomes possible!
- Conference control! Allows moderators to streamline grand meetings.
- Provide session security login, wireless WEP/WPA key and Gatekeeper function to protect presentation contents and keep good security to office networks.
- Provide media playback feature, support music and video streaming.
- High Performance screen projection with audio!
- H.264 HD video streaming support!
- Changeable Splash Screen image!
- SNMP Manager! To manage the devices easily
- AP-Client Mode! Deploy wireless network in enterprise environment easily
- Remote Desktop Control!

2. Quick Start

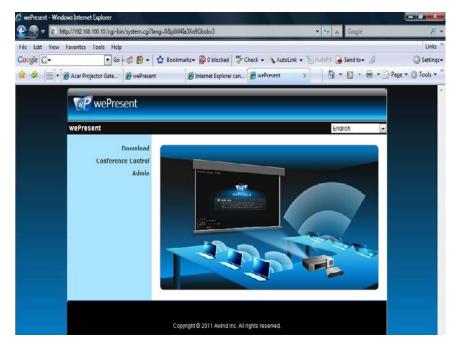
 Connect projector VGA cable to wePresent box VGA connector and turn on projector power.



- 2) Turn on wePresent box.
 - When Projector shows the default menu on the screen as below, it indicates the wePresent box is ready now.



- 3) Make sure your PC WLAN is enabled already, and connect your PC with wePresent box.
- 4) Open your browser and it will redirect to wePresent main page automatically, or you can enter the IP address to access the WPS web home page.
 - ◆ The default IP address of wePresent is 192.168.100.10 or refers to the IP address shown on the left corner of projector screen.



5) Download the client software. Please select the Win7 / Windows Vista / XP / 2000" or "Mac Utility" and execute the installation program. After installing the program, you will see the wePresent shortcut on the PC screen.

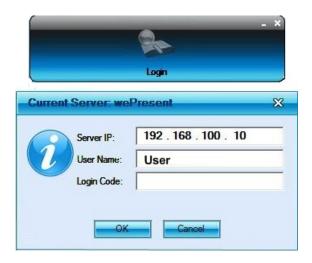




- 6) Make sure your personal firewall allows wePresent software to pass through.
- 7) Select devices that you would like to do projection



8) Enter the **LOGIN CODE** and You can see the login code on the projector screen



9) Click the "Play" button to start projection!



3. Windows Client Utility

3.1 Starting Program

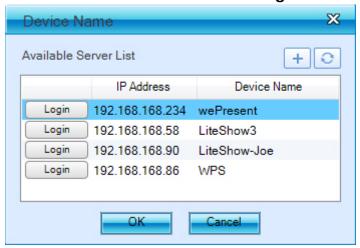
After you download wePresent Windows program via web page successfully, then follow below steps to start.



- 1) Click wePresent icon to execute the program.
- 2) Program start to search for wePresent box automatically,
- 3) If wePresent box founded then "Login Code" dialog box will be pop up on the PC screen.
- Searching for wePresent box

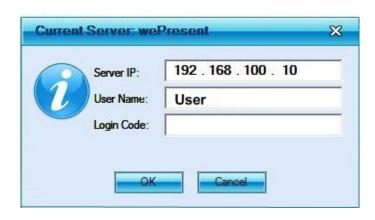


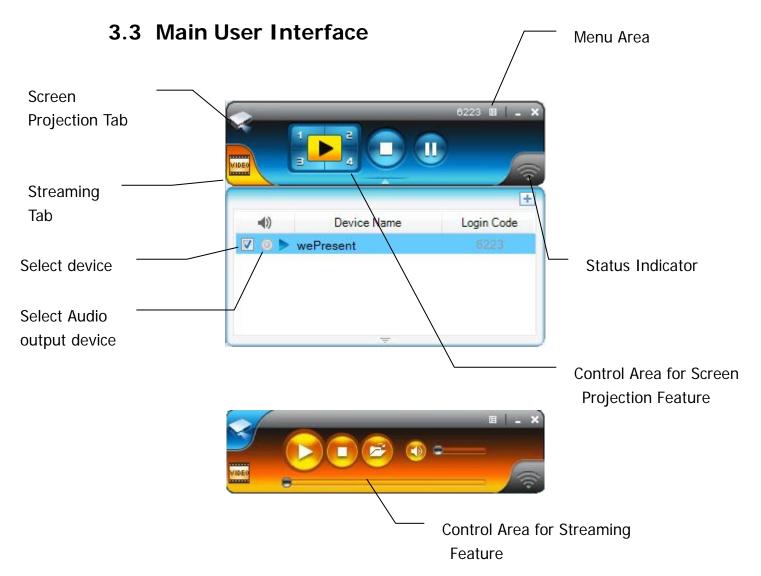
wePresent boxes are founded and enter login code to start.



3.2 Login

- 1) After "Login Code" dialog box shown, enter login code to start presentation.
- 2) You can see the login code shown on the projector screen.





3.4 Screen Projection

Click the "Play" button for full or split screen, you can project the main screen on to the display immediately, click the "Pause" button, you can freeze you projection screen, and click the "Stop" button to stop projecting your screen.

*. To enable the audio projection, you have to install provided audio driver and set the projection quality to "Normal".



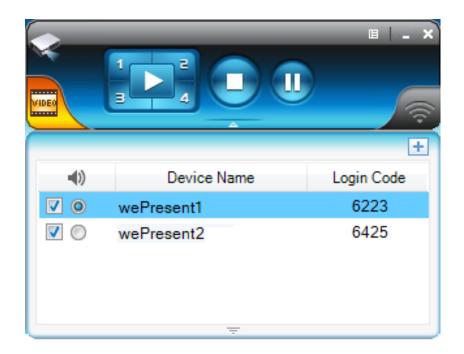
| Button | Description | |
|---------|------------------------|--|
| | Full Screen projection | |
| 1 | Project to Split #1 | |
| 2 | Project to Split #2 | |
| | Project to Split #3 | |
| 4 | Project to Split #4 | |
| | Stop projecting | |
| | Pause projecting | |

3.5 Audio Projection

First, before starting the Audio Projection, please install the "VAC.exe" (Virtual Audio Control) on your computer which is Windows XP. Please find the software in USB Token.

Note: Windows Vista and Win7 don't need to install VAC driver.

Please enable the "Send Audio to Display" to Yes setting, and select the audio option from the device list.



3.6 Video/Music streaming Feature

Click the "Video Tab" to switch to Video Mode, choose a video/audio file, then it will stream the original file to playback on the screen.

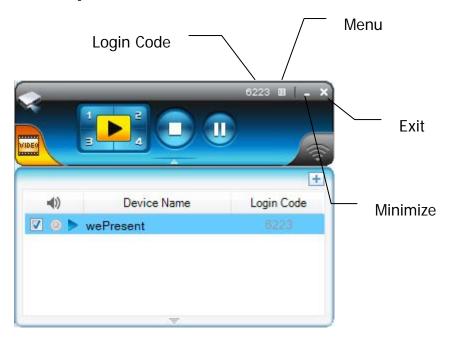


* Supported Video/Audio Format: MPEG1/2, DivX(3.4.5), XviD(MPEG4),

H.264, WMV9, MP3, WMA

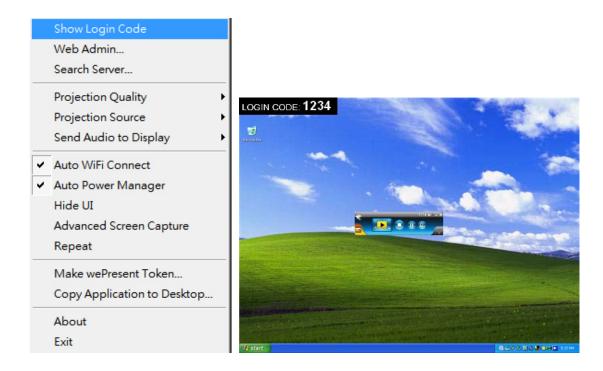
| Button | Description |
|--------|---------------------------|
| | Start Playing Video/Music |
| | Stop Playing Video/Music |
| | Open Video/Music File |
| | Mute |
| • | Volume Level |
| | Progress Bar |

3.7 Menu Description



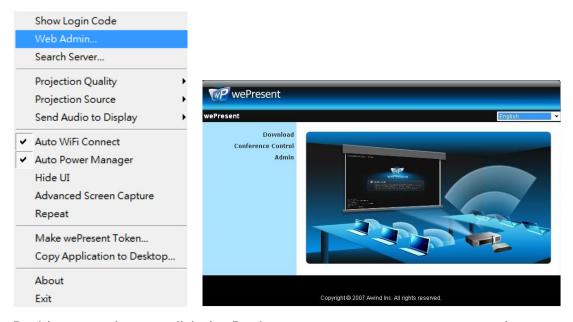
3.7.1 Show Login Code

Click "Show Login Code", it will display the login code on the right-upper of desktop and close it automatically after 10 seconds. You can also click on the area to close this window manually.



3.7.2 Open Admin Web Page

Click to open function menu and select "Web Admin" management web page. The web page detailed functions will be described on next chapter.

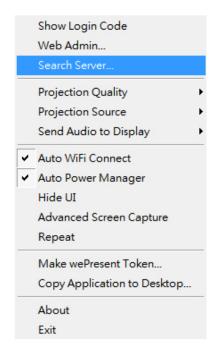


Besides, you also can click the Device name to open management web page.



3.7.3 Searching Server

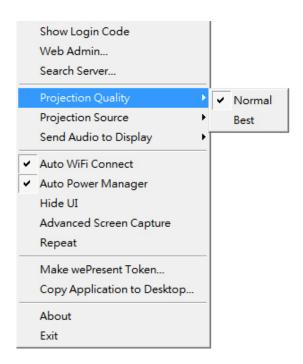
Click "Search Server" to re-search the wePresent again.





3.7.4 Projection Quality

Click the "Projection Quality", choose "Normal" for faster projection speed with lower screen image quality, and "Best" for clear screen image quality but slower projection speed.



3.7.5 Projection Source

Click the "Projection Source" then you can select to project the main screen of desktop or the virtual extended screen.

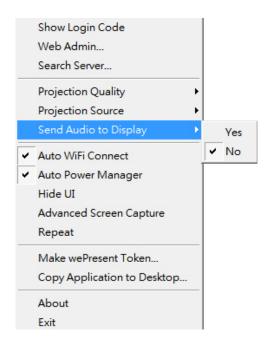


P.S: Virtual Extended Screen option

You need to install "VDD.exe" driver first which is stored in the USB token.

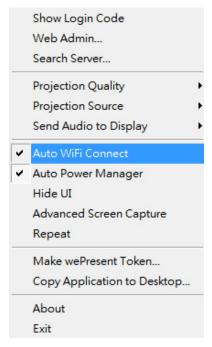
3.7.6 Send Audio to Display

Click "Send Audio to Display" then select the function you want to start audio projection or not.



3.7.7 Auto WiFi Connect

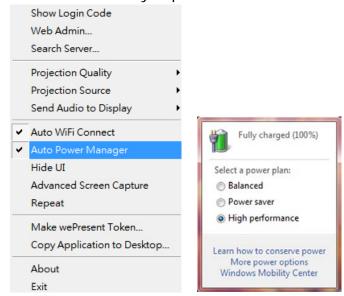
Click "Auto WiFi Connect" to enable the AWZC function, this function can save the WiFi connection steps.



3.7.8 Auto Power Manager

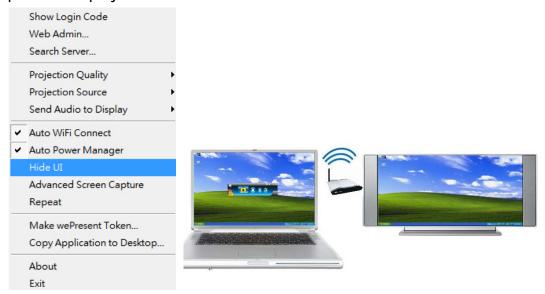
To make the highest projection performance, application will turn the PC's windows power scheme from current settings to "highest performance", however, you can click the "Auto Power Manage" to enable or disable this

function and restore you power scheme immediately.



3.7.9 Hide UI

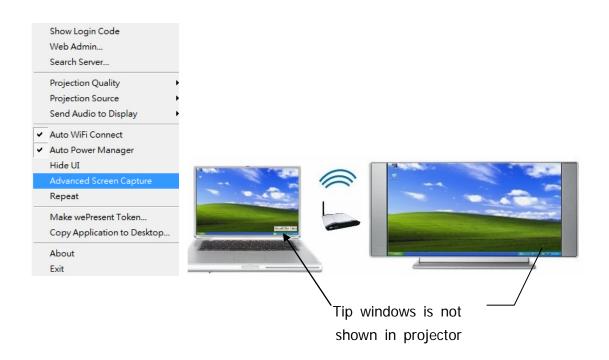
Click the "Hide UI", you can choose to hide or display the application control panel from projection screen.



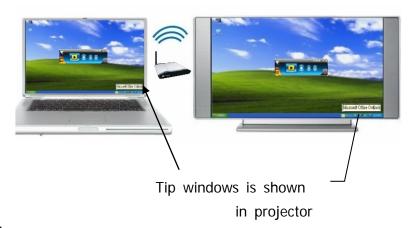
3.7.10 Advanced Screen Capture

Click the "Advanced Screen Capture", you will be able to see tip windows and other layered windows (include the main UI) on the connected display. However, the mouse cursor may blink from time to time when you are projecting your PC screen!

Disable "Advanced Screen Capture".

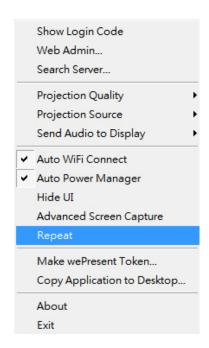


• Enable "Advanced Screen Capture".



3.7.11 Repeat

Click the" Repeat", you can choose to playback current video/audio file repeat or not.



3.7.12 Make wePresent Token

Click "Make wePresent Token" to make a USB wePresent Token, you can insert a USB thumb drive and follows the wizard to make the Token.

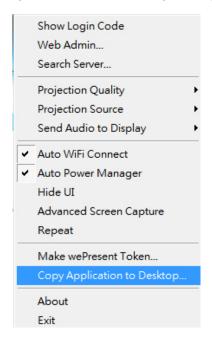






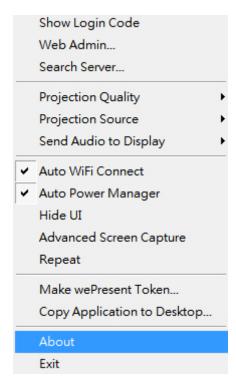
3.7.13 Copy Application to desktop

Click the "Copy Application to desktop", it will copy the application to your desktop immediately even you don't have the system privilege



3.7.14 About

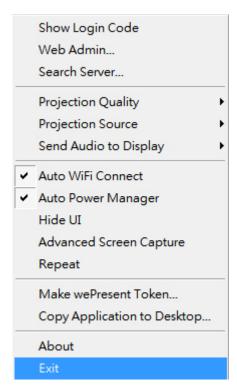
Click "**About**" to show system information. It includes product model name, Client version, IP address and other information.





3.7.15 Exit

Click "**Exit**" to exit this application. It will stop current playing status and close the application immediate.



4. Mac Client Utility

4.1 Launch Application

- 1) Enable your WiFi and connect to wePresent device.
- 2) Execute wePresent client software for Mac.



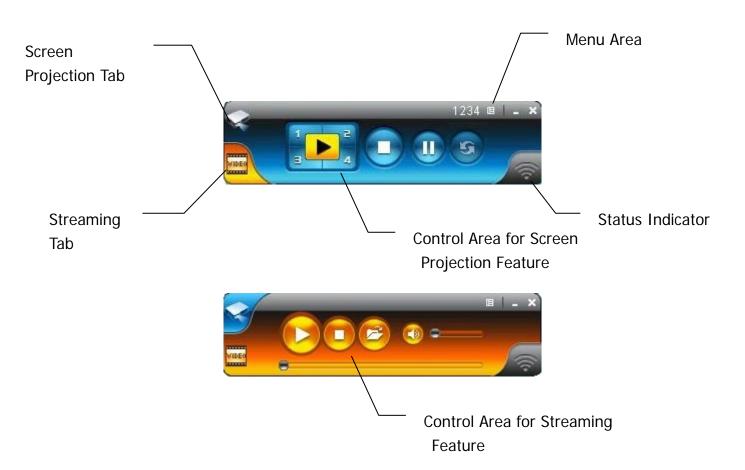
3) Launch wePresent software and enter the login code.



4) Start Projection.



4.2 Main User Interface



4.3 Screen Projection

Click the "Play" button for full or split screen, you can project the main screen on to the display immediately, click the "Pause" button, you can freeze you projection screen, and click the "Stop" button to stop projecting your screen.

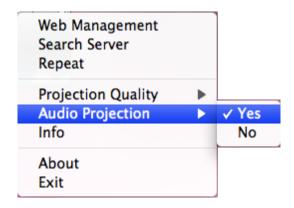


| Button | Description |
|---------|------------------------|
| | Full Screen projection |
| 1 | Project to Split #1 |
| 2 | Project to Split #2 |
| | Project to Split #3 |
| 4 | Project to Split #4 |
| | Stop projecting |
| | Pause projecting |
| 5 | Refresh Screen |

4.4 MAC Audio Projection

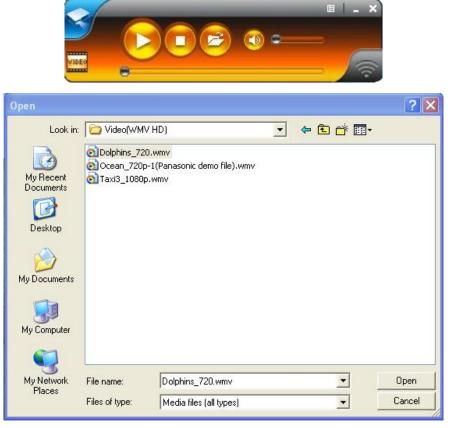
First, before starting Audio Projection, please install the "Soundflower.mpkg" (MAC system extension for audio using) on your Mac. Please find the software in USB Token.

Second, click menu to open function list and enable Audio Projection, then you can hear the audio from device when projecting.



4.5 Video/Music streaming Feature

Click the "Video Tab" to switch to Video Mode, choose a video/audio file, then it will stream the original file to playback on the screen.



* Supported Video Format: MPG, MPEG, DAT, VOB, WMV9, ASF, MP3, WAV, H.264.

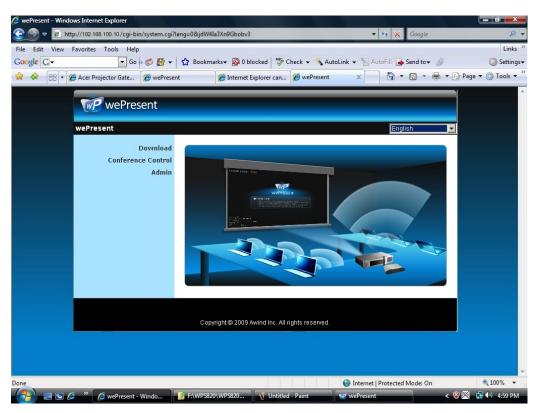
| Button | Description |
|--------|---------------------------|
| | Start Playing Video/Music |

| | Stop Playing Video/Music |
|---|--------------------------|
| | Open Video/Music File |
| | Mute |
| • | Volume Level |
| | Progress Bar |

5. Web Management

5.1 Home Page

- 1. Make sure your PC connect to wePresent box successfully.
- 2. Open your browser, it will enter we Present home page automatically.
- 3. If not, enter your IP address on the browser, you can see the IP on the projector screen.
- 4. The default IP is 192.168.100.10

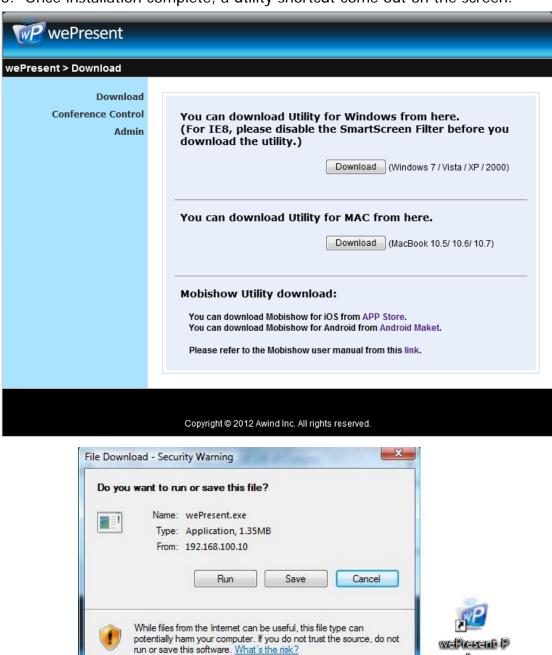


5.2 Download Software

- 1. Select "Download software" function.
- 2. Please select the "Win 7 / Windows Vista / XP / 2000" or "Mac Utility" and execute the installation program.
 - For iOS/Android smartphone user, please download mobishow client from Appstore/Android Market.
- 3. Follow Installation Wizard instructions to proceed till the installation process

complete.

- 4. If pop up "Windows Security Alert" because Windows firewall block this program. You just press "Unblock" button to continue installation.
- 5. Once installation complete, a utility shortcut come out on the screen.



5.3 Conference Control

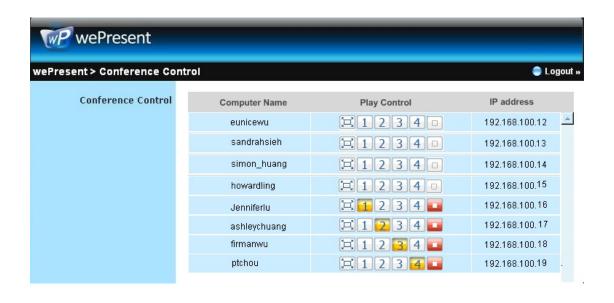
- 1) This function allows you to host a meeting smoothly without projector cable swapping and each participant can show their presentation easily.
- 2) Select "Conference Control" function.

3) Enter password, the default value is "trainer", and then press [Login].



- 4) After login, you can see a User List on the screen which indicates all of users connected to WEPRESENT box.
- 5) There are three columns, "Computer Name", "Play Control" and "IP Address".
- 6) Play Control, There are six buttons, including Play(Full), Play Split #1

 1, Play Split #2, Play Split #3, Play Split #4, and Stop.
- 7) User List

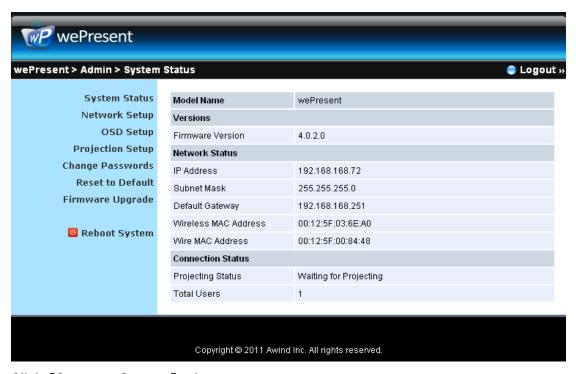


5.4 Login Web Admin



- 1. Click [Admin] and then enter password to login web page.
- 2. The password default value is "admin".

5.4.1 System Status



Click [System Status], shows current system status.

Model Name: Product model name

Versions:

1. Firmware version no.: Product firmware version number.

Network Status:

1. IP address: IP address of WPS device.

2. Subnet Mask: subnet mask

3. **Default Gateway**: default gateway

4. Wireless MAC address: wireless MAC address

5. Wire MAC address: wire MAC address

Connection Status:

1. **Projecting status:** which is "Waiting for projecting" or "Projecting"

2. Total Users: It shows how many users login into wePresent box.

5.4.2 Network Setup

There are many kinds of operating configurations as below.



< Auto-Configuration Network Setup>

The default setting of the wePresent box is DHCP client. When the wePresent box is connected to a LAN that already has a DHCP server present, the wePresent box takes an IP address assigned to it by the server. When the wePresent box is connected to a LAN that does not have a DHCP server, the wePresent box becomes the DHCP server in the network.

< IP Setup>

- You can select "obtain IP address automatically" or "Use the following IP address"
- ◆ IP Address: The default value is 192.168.100.10.
- ♦ Subnet Mask: The default value is 255.255.255.0
- ♦ Default Gateway: The default value is 192.168.100.10
- ♦ DNS Server: The default value is 192.168.100.10

<DHCP Server Setup>

- You can select "auto(Enable/Disable DHCP Server" or "Disable")
- Start IP: The start IP address of DHCP Server.
- ♦ End IP: The end IP address of DHCP Server
- Subnet Mask: The default value is 255.255.255.0
- ♦ Default Gateway: The default value is 192.168.100.10
- ♦ DNS Server: The default value is 192.168.100.10

< Wireless Setup>

- ♦ Wireless LAN: The default value is "Enable"
- Region: default value is "Worldwide".
- ♦ SSID: SSID string, max. Length is 32 bytes.
- ♦ SSID Broadcast: The default value is "Enable"
- Channel: to set fixed channel or Auto. The "Auto" means after power on wePresent, it will scan all of wireless channel and select clear one channel automatically.
- ◆ Encryption: you can select "Disable" or one of WEP/WPA/WPA2 64bit or 128bit in ASCII or HEX string.
- ♦ Key: If Encryption is enabled, you have to set key value according to the encryption mode you selected.

< AP Client>

- ◆ Connect to Existing AP: Input the SSID of Home WiFi AP you want to connect.
- ◆ Encryption: you can select "Disable" or one of WEP/WPA/WPA2 64bit or 128bit in ASCII or HEX string.
- ♦ Key: If Encryption is enabled, you have to set key value according to the encryption mode you selected.

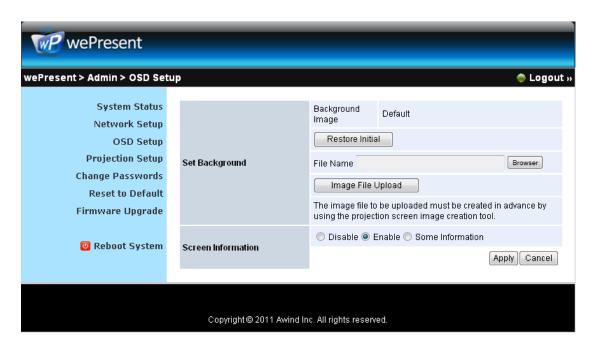
Press Apply button, and follow the reboot instruction to make it work.

< Gatekeeper>

Gatekeeper is designed for ensuring the enterprise network security within wePresent box

- All Block can block Guest Users(through wireless) to access all office network(LAN),
- All Allow can pass Guest Users(through wireless) to access all office network
- ◆ Internet Only can block Guest Users (through wireless) from office network (LAN) but still reserve internet connection capability.
- **Apply >:** press button to select this mode.
- <Cancel>: press button to abort action.
- <Back>: Back to Operating mode main menu.

5.4.3 OSD Setup



Click **[OSD Setup]** button, to change OSD standby image or set splash screen information.

Set Background

- ♦ **<Restore Initial>**: Restore to default OSD standby image.
- ◆ <Image File Upload>: Upload the customized OSD standby image. (You need to convert the image to system defined format using provided IB Maker utility which is stored in the USB token.)

Screen Information

- **< Disable>**: User can see quick guide on splash screen only, server IP, SSID, login code....won't be displayed.
- ◆ <Enable>: Default value, Show server IP, Resolution, Firmware version, SSID, channel and security on the screen.
- <Some Information>: Show server IP and SSID on the screen only.

5.4.4 Projection Setup



Click [Projection Setup] button

- <Resolution>: XGA(1024*768), WXGA(1280x768, 1280x800) and SVGA(800*600). The default value is XGA.
- ◆ <Color Depth>: provide wePresent output with 16bit or 32 bit color depth. It depends on your PC settings.
- <Screen Refresh Rate>: This is VGA output refresh rate, provides 60 Hz and 75Hz to suit for different kinds of projectors.
- ◆ <Login Code>: You can select "Disable", "Random", or "Use the following code" to set a specified 4-characters Number.
- <Apply> : Confirmation and Save modifications
- ♦ <Cancel>: Cancel all the modifications

5.4.5 Change Passwords

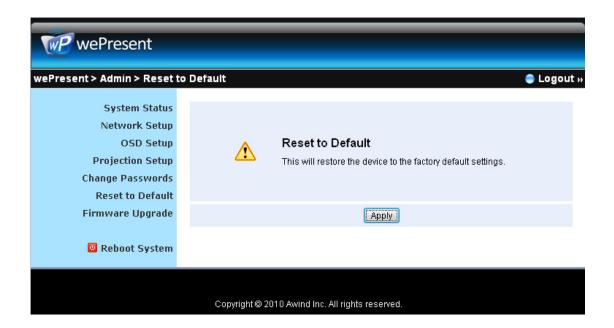


Click [Change Password] button, to change password value.

The length of password is up to 8 characters.

- <Enter New Password>: enter new password you want to change for each category.
- ◆ <Confirm New Password>: double confirm new password.
- ◆ <Apply>: Confirmation and Save modifications.

5.4.6 Reset to Default

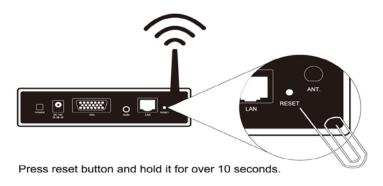


Click [Reset to Default] button to restore factory default settings.

<Apply>: Confirmation and action.

*** Another way to restore Factory Default Settings, Follow below procedures.

- 1. Press [Reset] button and Hold.
- 2. Turn on wePresent box.
- 3. Wait for over 10 seconds and relief [Reset] button.
- 4. It will take effect to restore factory default settings.



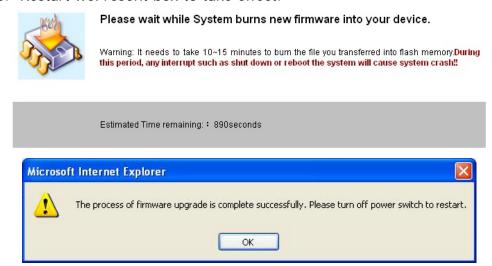
5.4.7 Firmware Upgrade



Click [Firmware Upgrade] button to upgrade firmware.

- 1. Firstly, you have to get latest firmware image file from your vendor.
- 2. Click **<Browse>** to specify file name you want to upgrade.
- 3. Click **<Upgrade>** to start.
- 4. A warning message shown and count down counter on the screen.

- 5. After a few minutes, a complete message shown on the screen.
- 6. Restart wePresent box to take effect.



Warning: Don't power off wePresent while firmware upgrade in progress, otherwise will cause your Box doesn't work and have to return device to your vendor for fixing.

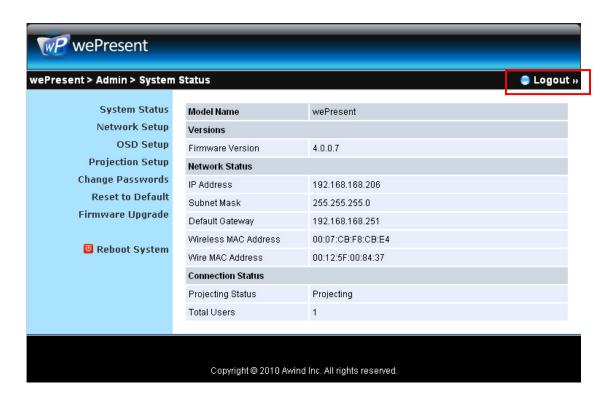
5.4.8 Reboot System



Click [Reboot System] button, to restart system

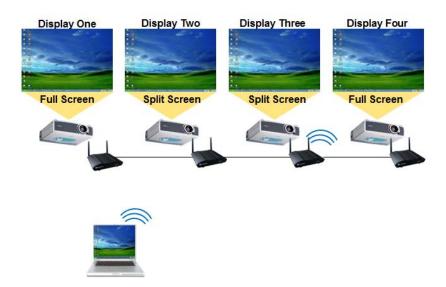
♦ <Reboot>: reboot system automatically.

5.4.9 Logout



6. Appendix

One to Four Screen Projection



- Project laptop content to 4 wePresent 920 devices to 4 screens
- ◆ Streaming video from laptop to wePresent 920 devices to 4 screens

Usage Scenario

Group your wePresent devices (at most four units) in the same network environment via Ethernet or WiFi to let wePresent devices to connect to Corporate Network or the same Switch/Router/Hub)

- ◆ If the Switching Router is selected, the DHCP server inside each of the connected wePresent machines will be disabled.
- ◆ If the HUB is selected, only the DHCP server inside the 1st attached wePresent machine will be enabled.



◆ Connect your PC to any of connected WP machines through WIFI. The client software should run under Windows XP, Vista and 7.



Multiple to Four Screen Projection



How to connect to 4 WP devices

- Execute wePresent-Plus utility.
- As image in below, you can see all available devices listed in Device Name dialog, click Login to enter the Login code for each device.
- ◆ After that, Click OK button to start Projection.





Screen Image Background Maker

Quick Installation Guide

Version: 1.00

1) Run the "Screen Image Background Maker" and follows the wizard to convert the image file.

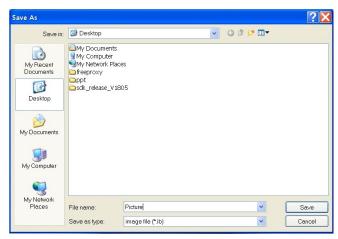


2) Press "Open" to select a file to convert this image for background use.





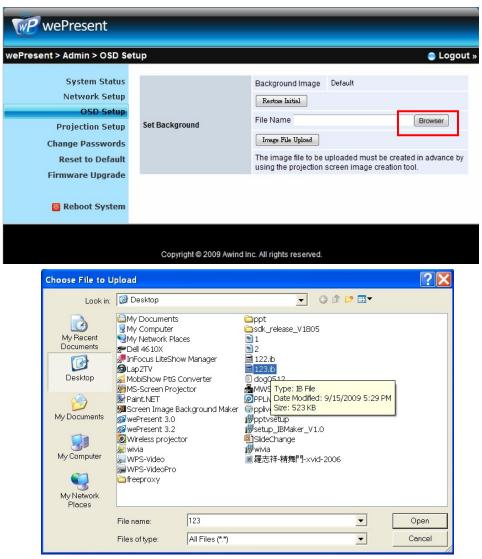
3) Press "Saver" to save this file.(*.ib)



4) Please connect to wePresent webpage, and then connect to OSD setup page.



5) Press "Browser" to choose the *.ib file.



6) Press "image file upload" to upload your background image. Then it will show the message as below.



Note: You may find "Screen Image Background Maker" in the USB Token.

PtG Converter

Quick Installation Guide

Version: 1.00

Using PtG Converter

Open "MobiShow PtG Converter" in "MobiShow\MobiShow PtG Converter" folder from "Programs" in the Start menu. The following control panel is displayed on your Desktop when it is launched.



Click the "Convert" button to select a PowerPoint PPT file and start conversion. PtG Converter will open the PowerPoint file and convert it to PtG format. You can see the conversion process on your Desktop.

Click the "Preview" button to expand or collapse the preview pane.

Click "Play" to playback selected PtG file, or click "Open" to select a PtG file.